

PROJECT NUMBER

323666.03.17.07

BORING ID:

17C103

Sheet 1 of 2

## **SOIL BORING LOG**

PROJECT: Beale AFB-Site 17 PRB, Phase 1 Drilling LOCATION:

ELEVATION: 150.00 NORTHING: 2162175.70 EASTING: 6743872.49 DRILLING CONTRACTOR: Resonant Sonic International, Woodland, CA

/ATER LEVELS: 8.0 ft bgs					CODE DECODIDATION	COMMENTO
-P[H	BGS (ft)	/A. /=:\		STANDARD PENETRATION TEST RESULTS	CORE DESCRIPTION:  SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY,	DEPTH OF CASING, DRILLING RATE,
	INTERV					
	RECOVERY		KESULIS	OR CONSISTENCY, SOIL STRUCTURE,	DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.	
			TYPE-#	6-6-6 (in)	MINERALOGY.	
_		0.04	SS=Split Spoon ST=ShelbyTube	(N)		
0 =	0-4	3.0/ 4.0'			SM - SILTY SAND (SM), brown (7.5YR 4/4), dry, loose to medium,	_
					- ~80-90% fine subrounded sand, ~10-20% silty fines	
1 =					-	_
2 <b>–</b>						
					-	
3 🗕					-	_
		0.01				
4 –	4-7	2.0/ 4.0'			SP - POORLY GRADED SAND WITH SILT (SP), brown, moist, loose,	_
					- ~95% fine sand, ~5% silt	
5 🗕					SP -	— PID = 0.0, wet soil
6 🗕						
0 =					-	
7 -	7-14				GW - WELL GRADED GRAVEL WITH SAND AND SILT (GW), brown (7.5YR	_
					- 5/4), dry, ~65% gravel, 27% sand, ~8% fines	
8 =		3.2/ 4.0'			GW -	15:15 Collect water at 8-12 ft 17C103HP12
					-	
9 🗕					-	_
10 -					GW - Same as above (GW), becomes saturated at 9.5 ft	
10 -					-	
11 –					-	_
4.0		0.01			-	
12 -		3.0/ 4.0'			GW - Same as above (GW), <3% fines, 12-14 ft	_
					-	
13 –					-	-
14 _	14-24				- ML - SILT WITH SAND GRAVEL (ML), mottled reddish brown, brown,	
	1121				gray and light yellowish brown, moist, stiff, non-plastic,	
15 <b>–</b>					- ~20% sand, ~20% gravel	_
1/		2.4/			-	
16 -		3.4/ 4.0'			-	_
					-	
17 –					-	_
18 🗕						
					-	
19 🗕					-	_
20	20.20	0/4.0'			- MI No core recovered	
20 =	20-20	0/4.0'			ML - No core recovered	_
21 🗕					-	_
					-	
22 🗕					-	_



PROJECT NUMBER

323666.03.17.07

BORING ID:

17C103

Sheet 2 of 2

## **SOIL BORING LOG**

CH2MHILL SOIL BORING LOG												
PROJE				RB, Phase 1 Drillin	ng LOCATION:							
ELEVA	TION: 15	50.00	NORT	HING: 2162175.7	0 EASTING: 6743872.49 DRILLING CONTI	RACTOR: Resonant Sonic International, Woodland, CA						
DRILLING METHOD AND EQUIPMENT USED: Power Probe 9630 Direct Push												
	R LEVELS:	8.0 f	t bgs		START: 8/17/2005 2:10:00 PM END:	LOGGER: B. Moayyad						
DEPTH	BGS (ft)			STANDARD PENETRATION	CORE DESCRIPTION:	COMMENTS:						
	INTERVAL (ft)  RECOVERY  TYPE-#		TEST RESULTS	SOIL NAME (USCS GROUP SYMBOL), COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE,	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.							
			SS=Split Spoon ST=ShelbyTube	6-6-6 (in) (N)	MINERALOGY.							
23 -			31-3Helby Fube		-	_						
24 -	24-26	3.0/ 4.0'			SC - CLAYEY SAND (SC), gray, wet to moist	_						
25 -					-							
26 -	26-29.5				- CL - LEAN CLAY WITH SAND (CL), brown (7.5YR 4/4), moist to dry, - stiff, ~20% coarse sand, ~5% fine gravel	Dry, no water sampled						
27 -					-	_						
28 -		1.0/ 1.5'			-	_						
29 🗕					-							
					CL - Refusal at 29.5 ft bgs							
30 -					-	_						